

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
 Data File : BP016220.D
 Acq On : 14 Jul 2023 11:40
 Operator : MA/JU
 Sample : 03418-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46K0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 23:30:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 18:57:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	201572	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	965129	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.622	164	641424	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	1478427	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1514529	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1696910	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	6642	1.166	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.181	99	129248	7.099	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.305	67	90137	7.321	ng/u1	0.00
11) 2-Chlorophenol-d4	7.511	132	99840	7.596	ng/u1	0.01
15) 4-Methylphenol-d8	8.793	113	41852m	2.853	ng/u1	0.08
21) Nitrobenzene-d5	9.199	128	47650	7.156	ng/u1	0.04
24) 2-Nitrophenol-d4	9.928	143	52037	6.857	ng/u1	0.04
28) 2,4-Dichlorophenol-d3	10.546	165	93590m	7.122	ng/u1	0.09
31) 4-Chloroaniline-d4	11.181	131	5384m	0.256	ng/u1	0.21
46) Dimethylphthalate-d6	14.051	166	424432	8.675	ng/u1	0.02
49) Acenaphthylene-d8	14.322	160	424760	7.921	ng/u1	0.00
54) 4-Nitrophenol-d4	15.034	143	41389m	4.145	ng/u1	0.09
60) Fluorene-d10	15.634	176	379860	9.277	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.863	200	37960m	4.448	ng/u1	0.06
73) Anthracene-d10	17.504	188	444992	6.881	ng/u1	0.02
81) Pyrene-d10	19.722	212	819050	10.422	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	565803	6.943	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.858	105	108134	4.471	ng/u1	99
72) Phenanthrene	17.434	178	165715	2.151	ng/u1	99
80) Fluoranthene	19.398	202	293766	3.197	ng/u1	98
82) Pyrene	19.751	202	265623	2.707	ng/u1	99
85) Benzo(a)anthracene	21.469	228	124020	1.257	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.333	149	152494	2.412	ng/u1	96
87) Chrysene	21.522	228	143956	1.441	ng/u1	97
90) Benzo(b)fluoranthene	23.221	252	167914	1.732	ng/u1#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

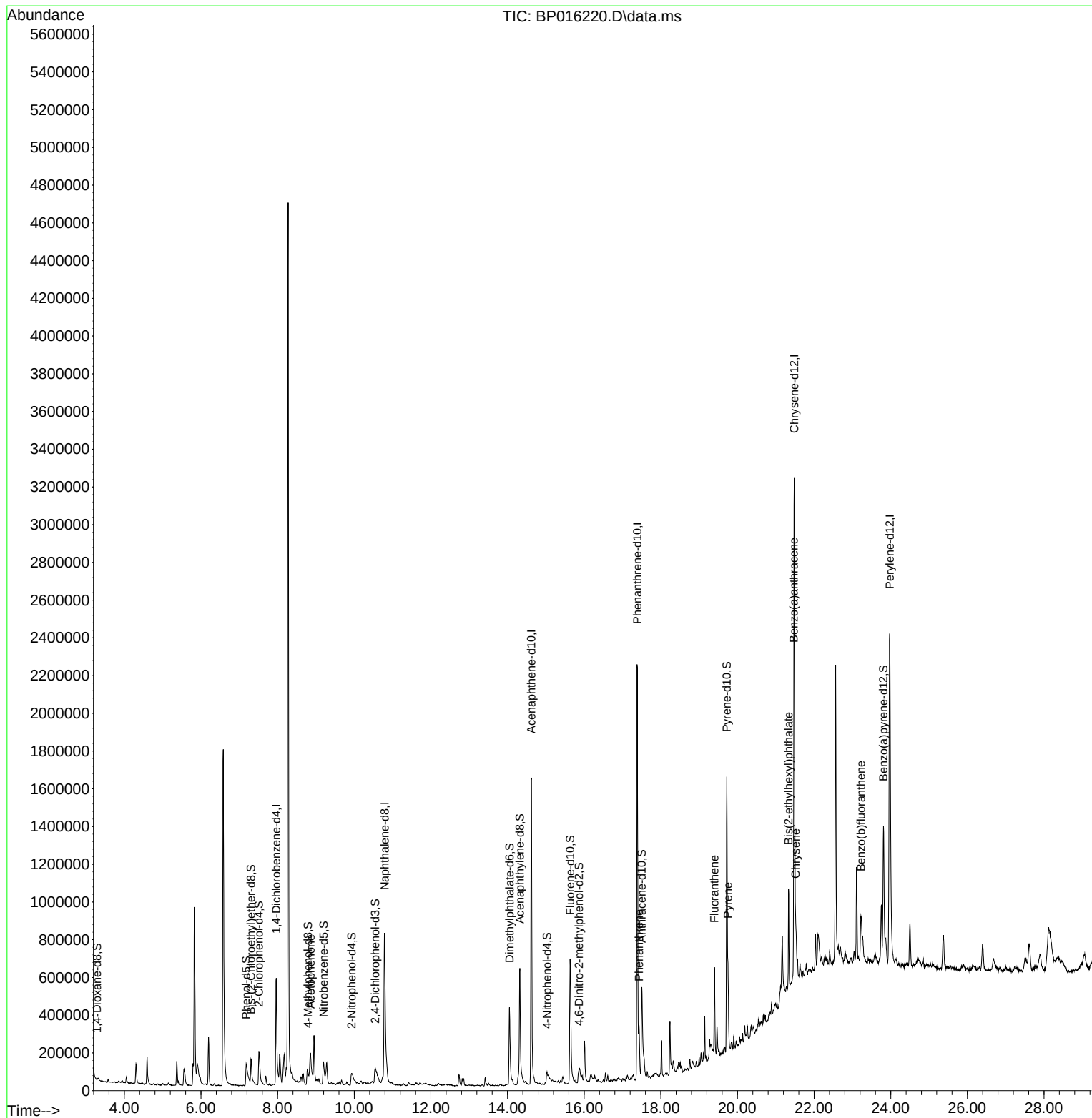
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
Data File : BP016220.D
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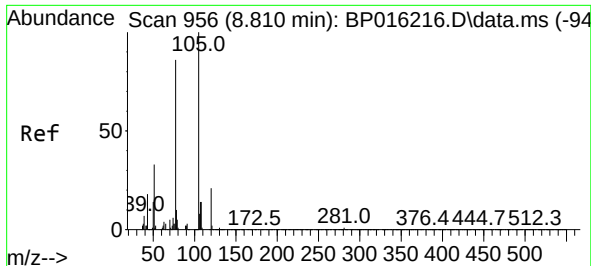
Instrument :
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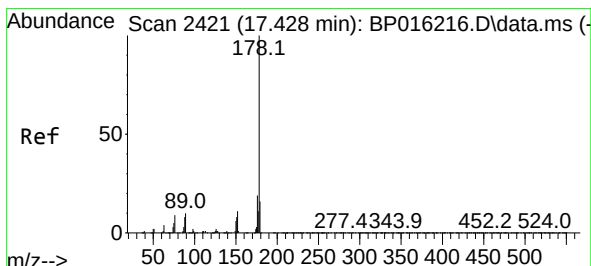
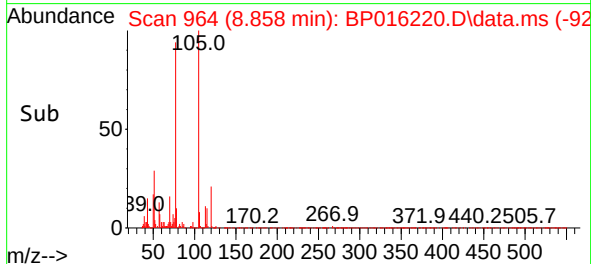
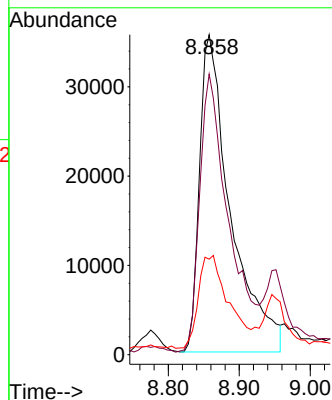
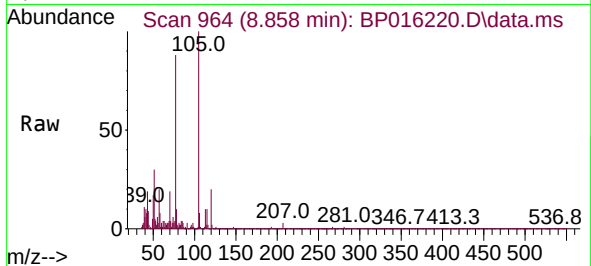
#16
Acetophenone
Concen: 4.471 ng/ul
RT: 8.858 min Scan# 90
Delta R.T. 0.036 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 108134
Ion Ratio Lower Upper
105 100
77 87.7 70.2 105.2
51 29.9 26.3 39.5

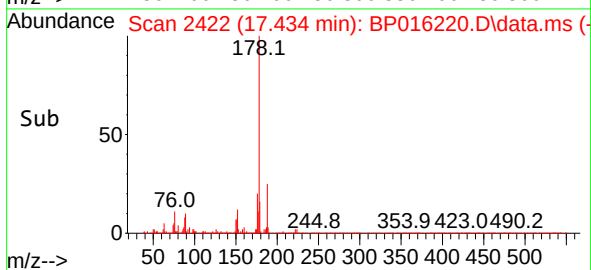
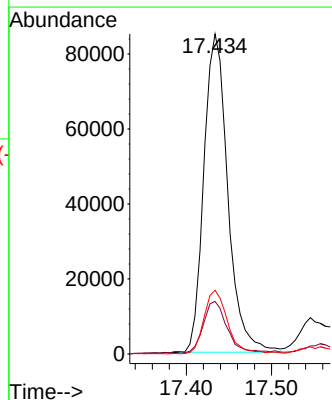
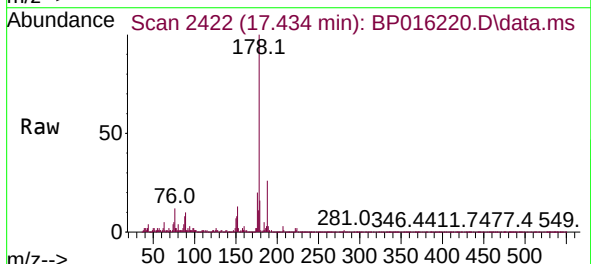
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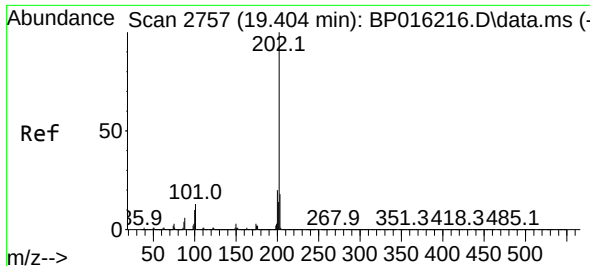
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#72
Phenanthrene
Concen: 2.151 ng/ul
RT: 17.434 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

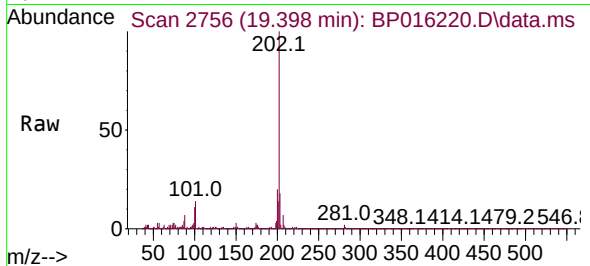
Tgt Ion:178 Resp: 165715
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 19.9 15.6 23.4





#80
Fluoranthene
Concen: 3.197 ng/ul
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

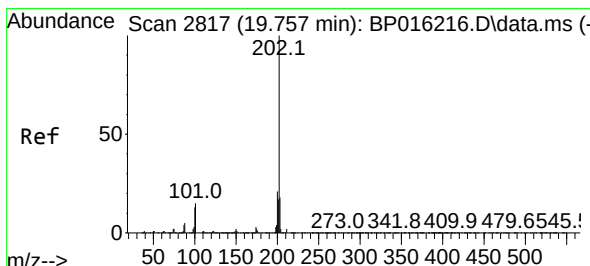
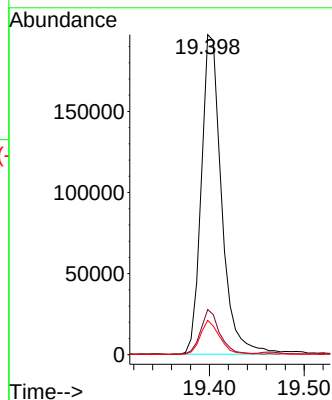
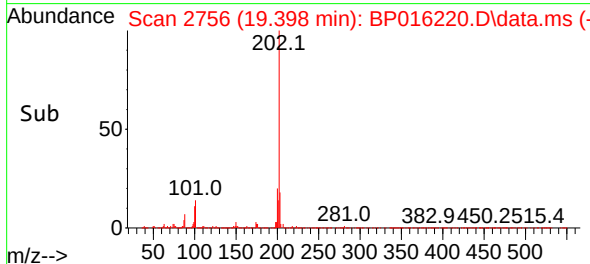
Instrument :
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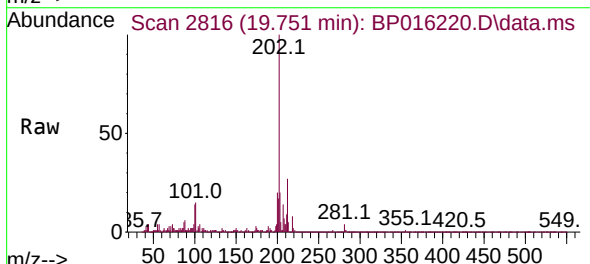
Tgt Ion:202 Resp: 293760
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 10.7 8.2 12.4

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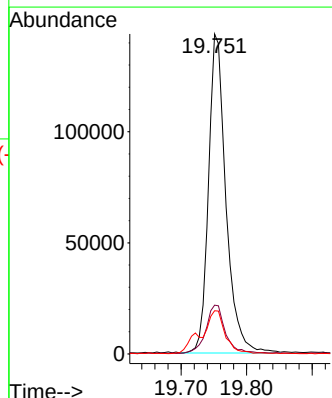
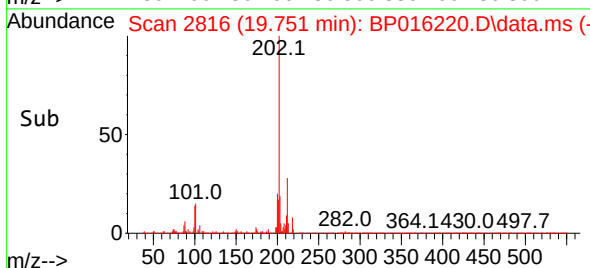
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

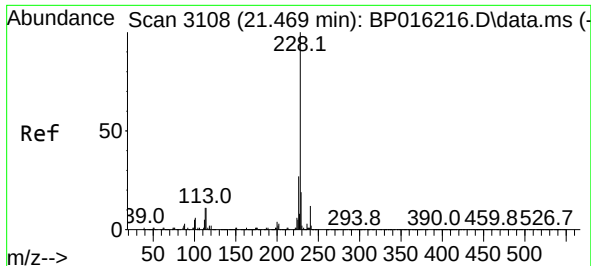


#82
Pyrene
Concen: 2.707 ng/ul
RT: 19.751 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40



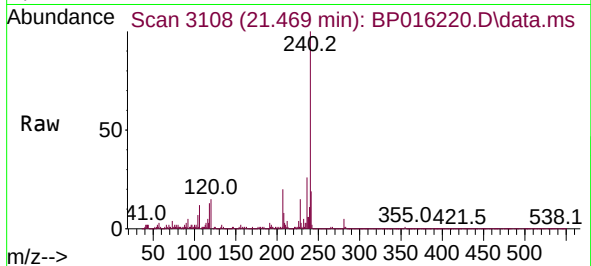
Tgt Ion:202 Resp: 265623
Ion Ratio Lower Upper
202 100
101 15.3 12.4 18.6
100 13.5 10.5 15.7





#85
Benzo(a)anthracene
Concen: 1.257 ng/ul
RT: 21.469 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

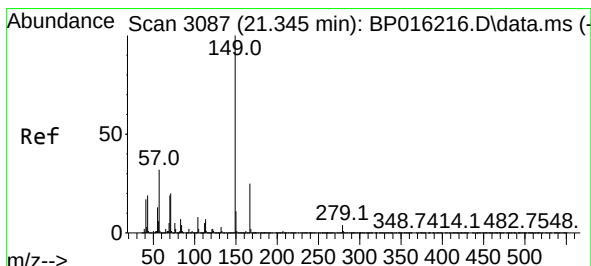
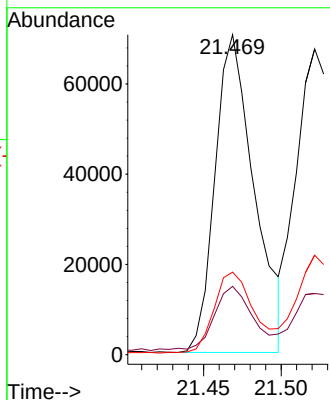
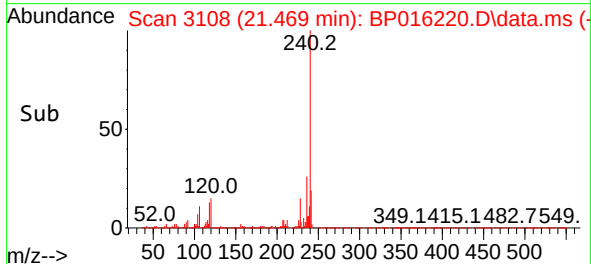
Instrument :
BNA_P
ClientSampleId :
A46K0



Tgt Ion:228 Resp: 124020
Ion Ratio Lower Upper
228 100
229 21.4 15.5 23.3
226 25.8 21.5 32.3

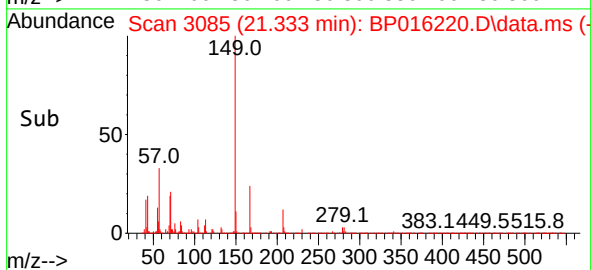
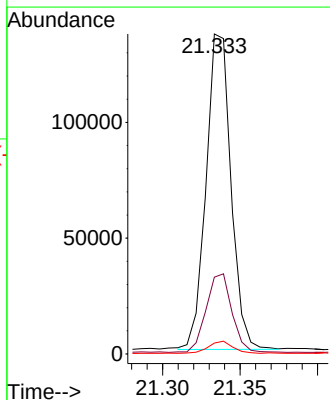
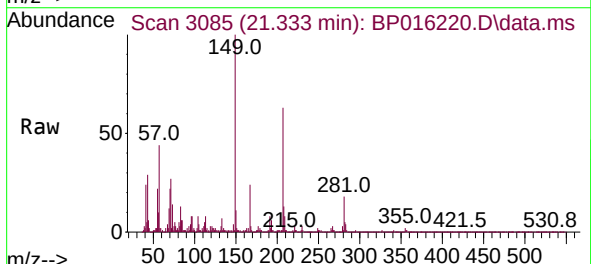
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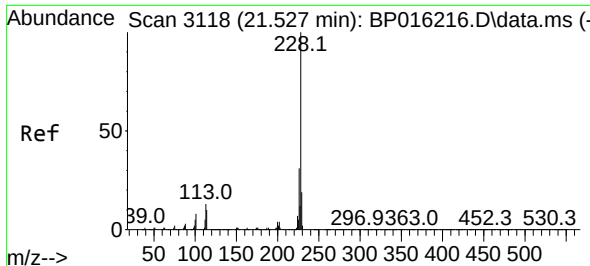
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.412 ng/ul
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

Tgt Ion:149 Resp: 152494
Ion Ratio Lower Upper
149 100
167 24.0 21.0 31.4
279 3.4 3.0 4.6





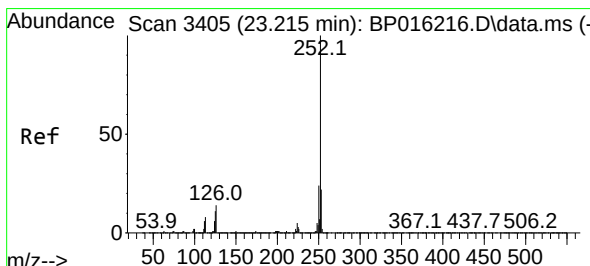
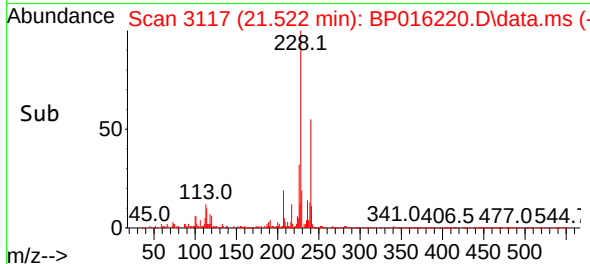
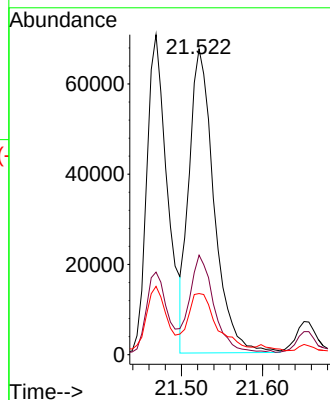
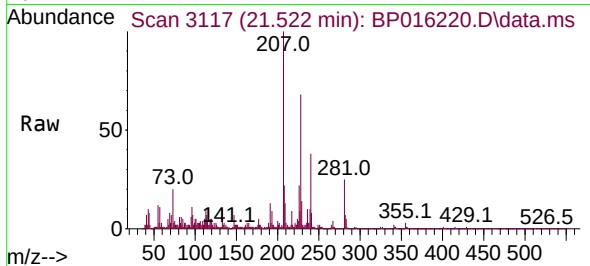
#87
Chrysene
Concen: 1.441 ng/ul
RT: 21.522 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:228 Resp: 143950
Ion Ratio Lower Upper
228 100
226 32.6 24.0 36.0
229 20.0 15.5 23.3

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#90
Benzo(b)fluoranthene
Concen: 1.732 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. 0.018 min
Lab File: BP016220.D
Acq: 14 Jul 2023 11:40

Tgt Ion:252 Resp: 167914
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 17.8 9.4 14.0#

